



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number : 0 449 494 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : 91302408.9

(51) Int. Cl.⁵ : G06F 15/403, G06F 15/40

(22) Date of filing : 20.03.91

(30) Priority : 27.03.90 US 500031

(43) Date of publication of application :
02.10.91 Bulletin 91/40

(64) Designated Contracting States :
BE CH DE DK ES FR GB IT LI NL SE

(88) Date of deferred publication of search report :
19.05.93 Bulletin 93/20

(71) Applicant : International Business Machines
Corporation
Old Orchard Road
Armonk, N.Y. 10504 (US)

(72) Inventor : Adair, John Gary
11519 Antigua Drive
Austin, Texas 78759 (US)

Inventor : Coyle, Daniel Jerome, Jr.
310 Elmar Oaks Loop

San Jose, California 95136 (US)

Inventor : Grafe, Robert Joseph

201 Hunters Trace
Austin, Texas 78758 (US)

Inventor : Lindsay, Bruce Gilbert

1185 Settelle Avenue

San Jose, California 95125 (US)

Inventor : Rainsch, Roger Alan

20663 Greenleaf Drive

Cupertino, California 95014 (US)

Inventor : Resch, Robert Peter

Route 1, Box 118

Byron, Minnesota 55920 (US)

Inventor : Sellinger, Patricia Griffiths
7215 Gold Creek Court

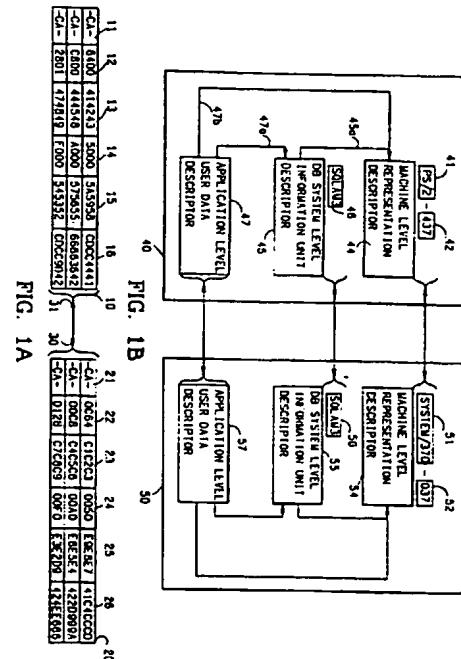
San Jose, California 95120 (US)

(74) Representative : Atchley, Martin John
Waldegrave

IBM United Kingdom Limited Intellectual
Property Department Hursley Park
Winchester Hampshire SO21 2JN (GB)

(54) Method and apparatus for controlling the transfer of data between heterogeneous data base systems.

(57) The invention relates to a system including a first database management system for managing a database (40) including data having a first data format and a second database management system for managing a database (50) including data having a second data format. The invention is a method for converting data transmitted between the first and second database management systems, the method including the steps of sending from the first to the second database management system a command containing data in a data format native to the first database management system; and at the second database management system, converting the data in the command into a data format native to the second database management system.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 30 2408

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claims	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	COMMUNICATIONS OF THE ASSOCIATION FOR COMPUTING MACHINERY. vol. 33, no. 1, January 1990, NEW YORK US pages 70 - 80 CHIN-WAN CHUNG : 'DATAPLEX: An Access to Heterogeneous Distributed Databases' * page 71, column 1, line 12 - page 72, column 2, line 10 * * page 75, column 2, line 3 - line 18; figure 6 *	1	G06F15/403 G06F15/40
A	1988 INTERNATIONAL ZURICH SEMINAR ON DIGITAL COMMUNICATIONS 8 March 1988, ZURICH, SWITZERLAND pages 253 - 259 S. KAWANO ET AL : 'Integrated Utilization of Heterogeneous Database System through a Data Network' * page 254, column 2, line 1 - page 255, column 1, line 1 *	2,5-8	
A	1988 INTERNATIONAL ZURICH SEMINAR ON DIGITAL COMMUNICATIONS 8 March 1988, ZURICH, SWITZERLAND pages 253 - 259 S. KAWANO ET AL : 'Integrated Utilization of Heterogeneous Database System through a Data Network' * page 254, column 2, line 1 - page 255, column 1, line 1 *	1-8	
A	INFORMATIONSTECHNIK IT vol. 29, no. 3, 1987, MUNCHEN BR pages 140 - 153 W. EFFEISBERG : 'Datenbankzugriff in Rechnernetzen' * the whole document *	1-8	TECHNICAL FIELDS SEARCHED (Int. Cl.5) G06F
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	16 MARCH 1993	FOURNIER C.D.J.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			